

SP-H2-0104-10

1×4 HDMI 2.0 18Gbps Splitter with 4K60 HDR, Audio Extraction & Scaling



> Product Description

The Netvio SP-H2-0104-10 is a 1×4 HDMI 2.0 Splitter with Audio Extraction and 4K→1080p Scaling, designed for professional AV distribution in corporate, residential, education, and retail applications. Supporting 18Gbps HDMI 2.0b with HDCP 2.2/1.4 compliance, it delivers uncompromised 4K60 4:4:4 HDR video across up to four displays simultaneously.

In addition to splitting, the unit integrates audio extraction to analog stereo and optical S/PDIF outputs for flexible audio system integration. With its scaling function, one or more outputs can downscale 4K signals to 1080p, ensuring reliable operation with mixed UHD and Full HD displays.

Selectable EDID modes (AUTO / COPY) ensure system compatibility by providing the correct handshake between sources and displays. Compact, reliable, and installer-friendly, the SP-H2-0104-10 is the perfect solution for distributing a single HDMI source across multiple displays while maintaining pro-level video and audio performance.

> Product Features

- 1×4 HDMI 2.0 Splitter – Distribute one HDMI source to four displays simultaneously.
- Ultra HD Performance – 18Gbps bandwidth, 4K60 4:4:4 video with HDR10, Dolby Vision, and HLG support.
- Audio Extraction – Analog stereo (3.5mm) and optical S/PDIF outputs from HDMI source.
- 4K→1080p Scaling – Downscale outputs for compatibility with Full HD displays.
- Flexible EDID Management – AUTO and COPY modes ensure reliable system performance.
- Broad Audio Format Support – PCM, Dolby, DTS, and HD audio.
- Professional Build – Compact, metal enclosure designed for reliability in AV installations.

> What's Included

- 1× SP-H2-0104-10 HDMI 1×4 Splitter
- 1× 5V/1A Power Adapter
- 1× User Information

> Specifications

Video

- HDMI Compliance: HDMI 2.0b
- HDCP Compliance: HDCP 2.2 / 1.4
- Bandwidth: 18Gbps
- Resolutions: Up to 3840×2160 @60Hz 4:4:4, 1080p, 720p
- Color Depth: 8-bit (4K60), 12-bit (1080p)
- Color Space: RGB, YCbCr 4:4:4, 4:2:2
- HDR Support: HDR10, Dolby Vision, HLG

Audio

- HDMI Audio: LPCM, Dolby Digital/Plus/EX, Dolby TrueHD, DTS-HD Master Audio, DTS, DSD
- Optical Output: LPCM 2.0, Dolby 5.1, DTS formats
- Analog Output: Stereo PCM 2.0 (3.5mm mini-jack)

Inputs / Outputs

- Inputs: 1× HDMI (Type-A)
- Outputs: 4× HDMI (Type-A)
- Audio Outputs: 1× Optical (S/PDIF), 1× Analog Stereo (3.5mm)

Control & Features

- EDID Control: AUTO / COPY (panel switch)
- Video Scaling: 4K→1080p selectable per output

Mechanical

- Dimensions: 180 × 62 × 14 mm (7.08" × 2.44" × 0.55")
- Weight: 227g (0.50 lbs)
- Enclosure: Metal, black finish

Environmental

- Operating Temp: 0–40°C (32–104°F)
- Storage Temp: –20–60°C (–4–140°F)
- Humidity: 20–90% RH, non-condensing

Power

- Supply: DC 5V/1A (included)
- Consumption: 3.5W (max)

Connectivity

Inputs

- 1× HDMI Type-A (female) – Video/Audio Input

Outputs

- 4× HDMI Type-A (female) – Video/Audio Outputs
- 1× Analog Stereo L/R (3.5mm mini-jack) – Audio Output
- 1× Optical S/PDIF (Toslink) – Digital Audio Output

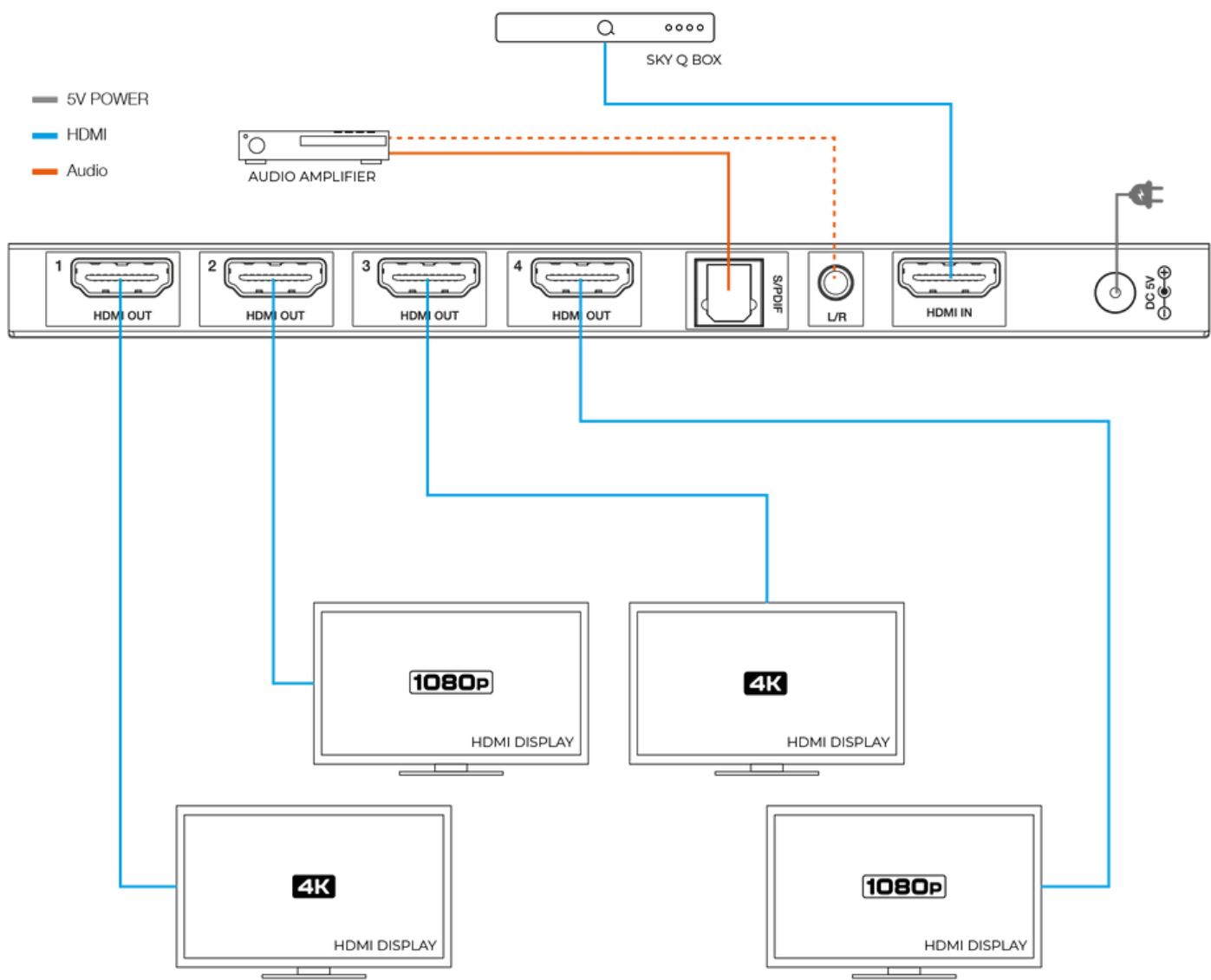
Control & Features

- 1× EDID Mode Switch (AUTO / COPY)
- 1× Scaling Switch (4K→1080p)

Power

- 1× DC 5V Input (locking connector, 5V/1A adapter supplied)

> Wiring Diagram



> A&E Specification

The unit shall be a Netvio SP-H2-0104-10 HDMI 1×4 Splitter compliant with HDMI 2.0b and HDCP 2.2/1.4. It shall support video resolutions up to 3840×2160 @60Hz 4:4:4 with a bandwidth of 18Gbps, and HDR formats including HDR10, Dolby Vision, and HLG.

The splitter shall distribute one HDMI input to four HDMI outputs simultaneously. Outputs shall support selectable 4K→1080p downscaling to ensure compatibility with Full HD displays. The unit shall provide audio extraction to both analog stereo (3.5mm mini-jack) and optical S/PDIF outputs.

The device shall include AUTO and COPY EDID modes for compatibility with a wide range of sources and displays. The product shall be powered by a 5V DC supply, consume less than 3.5W, and be housed in a metal enclosure measuring 180mm × 62mm × 14mm (7.08" × 2.44" × 0.55") and weighing 227g (0.50 lbs).